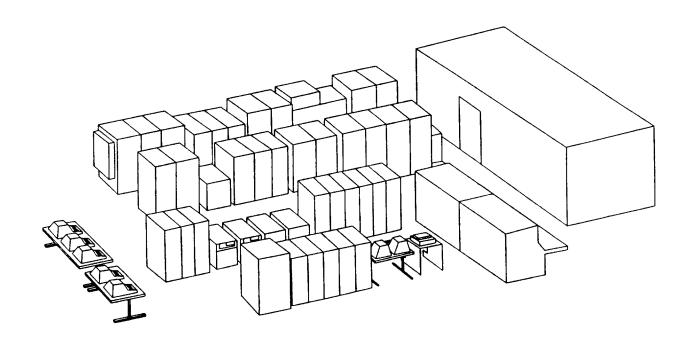
DEVICE 2F92B (T) DIRECTORY OF NAVAL TRAINING DEVICES



S-3B AIRCRAFT TACTICS TRAINER, DEVICE 2F92B (T)

TRAINING CATEGORY:

AIR (ASW)

ORIGINATING AGENCY:

DCNO/AIR

SECURITY CLASSIFICATION:

Device 2F92B (T) is Secret.

PURPOSE OF DEVICE:

To provide realistic training in the use of S-3B tactics systems.

INTENDED USE:

To train tactical ASW crews to use tactics systems and equipment. Tactics team exercises require the Copilot, Tactical Coordinator (TACCO).

and Sensor Operator (SENSO) trainees to operate as a team to complete a common training exercise. The device may also be used to train these crew members, independently, in each of three (3) positions:

Pseudo-Copilot TACCO SENSO

FUNCTIONAL DESCRIPTION:

Device 2F92B (T) can be coupled to the Operational Flight Trainer (OFT) to run a coordinated training mission. When coupled the trainers are in the Integrated mode. When they are running separately the trainers are in the Independent mode. The WST can be configured for Tactics Team (TT) or Position Trainer (PT) modes when independent of the OFT. Pseudo-copilot PT exercises provide training on Nonacoustic Sensor, Navigation, and Communications systems. TACCO PT exercises provide training on Navigation, Communications, Search Stores, Kill Stores, and Tactical Display systems.

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Simulated acoustic and nonacoustic contact and fix data are automatically provided by TACCO simulation software to provide vector and fix data for the GPDC operational and tactical programs and displays. The SENSO PT exercises provide training on the Acoustic Sensor Systems.

PHYSICAL INFORMATION:

Unit	Length (In.)	Depth (In.)	Height (In.)	Weight (Lb)
1	96	32	82	1200
2	64	32	82	1300
3	74	36	90	1786
5	81 3	32	82	1200
6	47	41	75	800
7	18.3	32.5	59 .5	382
9	94	31	71	1446
10	136	32	71	2475
14	64	32	82	1030
15	128	32	82	2060
16	72	36	62	1 26 0
17	64	32	82	1030
20	63	30	71	1650
24-26 Incl in Unit 32 area.				
27	22	30	61	350
28	72	61.5	68	1385
29	72	61.5	68	1385
30	22	30	27	250
31	27	23	44	180
32	212	96	96	8025
39 Incl in Unit 32 area.				
53	32	32	82	400
60	24	31	78	400
64	26	27	36	100
66	21	24	12	30
Power		U 1	NAV/CON	/M U 2
Avionics		U 3	AIS/DASG	U 5
E2 Rack		U 6	GPDC	U 7
Flt Comptr		U 9	Tactics Cor	mptr U 10
Nonacoustic		U 14		U 15
ESM		U 16	Flt/Tac Co	upi U 17
DIFAR Cmptr			TACCO Sta	
SENSO Sta		U 25	Pseudo Co	plt Sta U 26
Instr Consle			Oper Cons	
Hard Copy			DECWrite	
Tac Trainees		U 32	Pseudo Pla	t S ta U 39
Power Flight		U 53	Visual Cor	nptr U 60
Hard Cpy Flt		U 64	Off-Line C	RT, FIL U 66

EQUIPMENT REQUIRED (NOT SUPPLIED):

Security Cabinet to store classified material.

POWER REQUIREMENTS:

<u>Hz</u> <u>VAC</u>

Input 60 ± 5% 120/208 ± 10% 3-ph, 4-wire Input 60 ± 5% 277/480 ± 10% 3-ph, 4-wire Max Peak Power: 55.47 KVA, 154 A/phase Input 400 ± 5% 115/200 ± 10% 3-ph, 4-wire Max Peak Power: 16.80 KVA, 60 A/phase Max Start Power: Within limits above

INSTALLATION REQUIREMENTS:

Floor Loading: 45,126 lb; 225 lb/sq ft
Distr Loading: 1000 lb/sq in./point ft
Temperature: 65 to 72 degrees F
Humidity: 50 to 60% noncondensing

Air Conditioning Required: 25.93 Tons, Training Room Acoustical Environment:

Trainer 65 dB(A) Computer 75 dB(A)

PUBLICATIONS FURNISHED:

- Operation and Maintenance Instructions NTSC P-5960 (U)
- Planned Maintenance System, NTSC P-5961 (U)
- Commercial Computer Documentation Set NTSC P-5962 (U)

PERSONNEL:

Maintenance Men: 3 ET or equivalent (E) Instructors: 1 AW1 or (E) & 1 to 3 NFO

Operators: Instructor-operated

Trainees: One (1) Copilot, One (1) TACCO,

One (1) SENSO

CONTRACT IDENTIFICATION:

Manufactured by Link Tactical Simulation Division of CAE-Link Corp., Silver Spring, MD under Contract No. N00019-87-C-0148.

LOCAL STOCK NUMBER:

6930-LL-C00-7054